

REMARKS

Preliminary drawings were filed with the case on Aug 1,
5 2000. During the course of preparing formal drawings, some
drawing errors and inconsistencies were noted, namely:

a) Original figure 4 shows views of multiple electron
guns 230a, 230b, and the central axis 150, and figure 4
makes multiple references to guns, beam tunnels, and other
10 structures with a suffix such as a,b,c, etc. In the section
views figure 4a, 4b, 4c, the drawings figures append these
reference numbers with suffix a,b,c, etc, counting clockwise,
and an odd number (n=7) of such multiple structures is
shown. The amended drawings of the present amendment show
15 consistent views between figures 4 and 4a-c, which include
an even number (n=8) of beam tunnels organized in a
clockwise manner about a central axis. The corrected
figures 4a, 4b, and 4c now have an even number of beam
tunnels which permits a section view figure 4 to show two
20 beam tunnel consistent with a section through the central
axis, and the beam tunnels and structures of figure 4 have
relabelled suffixes to show the arrangements of figures 4a,
4b, and 4c.

b) Original figure 4 is also corrected as follows:

25 The structure labeled "RF input" has reference numeral
175 added, and the structure labeled "RF output" has label

Amendment for: Electron Gun for a Multiple Beam Klystron by Ives and Miram 09/629,364

177 added. Reference numeral 140 makes reference to the entire device on page 19 line 14, and also to only the magnetic iron on page 26 line 15. The entire device is changed to new numeral 141, corrected on figure 4 and page 5 19 line 14.

In the text page 22 line 14-16 and also on figures 4a-c, and 171 is indicated as the "outer surface" and 173 is indicated as "the inner surface" . Figure 4 is corrected to change incorrect reference from 173 to 171.

10 New reference numeral 157 to reference the resonator is added to figure 4. Resonator 157 comprises the collective structure shown, including beam tunnels 156a..n, resonators 172 174, 176, as described on page 21 lines 1-20.

15 Figure 10 and page 24 line 11 make reference to "magnetic iron 172", which was used in figure 4 and page 21 line 19 to refer to a "resonant cavity". Figure 10 and page 24 line 11 change this reference to "magnetic iron 171".

20 On page 26, lines 15-16, incorrect reference to coils 130 of figure 4 is corrected to 131, and the word "respectively" is added for clarity. On line 24 of page 26, the word "172" is changed to "170" to match the structure shown on figure 10 to which it refers.

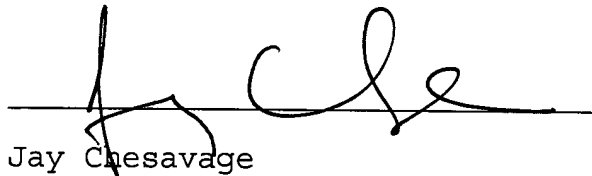
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Red-lined copies of the original drawings are submitted, along with clean copies of the present formal drawings, as required under 37 CFT 1.121(3).

5 With this amendment, this application is in condition for first office action. Examiner is advised that agent Chesavage may be reached by telephone at 650-619-5270, or via e-mail at patents@chesavage.com

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Respectfully Submitted,


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